

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A drawer-type mobile phone, comprising:
 - a main body having a microphone;
 - a drawer cover ~~mounted at~~ configured to be slidably attached to the main body ~~so as to be slidably moved vertically~~; and
 - an operating unit ~~for moving~~ configured to move the drawer cover ~~by in response to one touch, wherein the operating unit comprises:~~
 - a pinion gear provided on a first side of the main body;
 - a rack gear fixedly installed on a first side of the drawer cover and configured to be engaged with the pinion gear;
 - a driving motor provided in the main body and configured to generate a driving force;
 - a worm gear unit configured to transmit the driving force of the driving motor to the pinion gear; and
 - a control switch configured to turn on and to turn off the driving motor.

2. (Currently Amended) The mobile phone according to claim 1, wherein the drawer cover ~~includes~~ comprises a transparent window provided at a portion corresponding to an LCD part of the main body, and a speaker hole formed at ~~a predetermined portion of the~~ an upper side of the transparent window.

3. (Currently Amended) The mobile phone according to claim 1, wherein side portions of the drawer cover ~~is formed in a panel form so that both margins thereof can be moved~~ are configured to move along ~~the both~~ corresponding side faces of the main body.

4. (Currently Amended) The mobile phone according to claim 1, ~~wherein further comprising a speaker is mounted at the~~ provided at an inner surface of ~~the~~ an upper side of the drawer cover.

5. (Currently Amended) The mobile phone according to claim 4, wherein the speaker is supported by a bracket unit ~~to which, and wherein~~ a cover is attached to the bracket unit.

6. (Currently Amended) The mobile phone according to claim 4, wherein the speaker is connected ~~with~~ to an audio amplifier ~~through~~ via a connecting member.

7. (Currently Amended) The mobile phone according to claim 6, wherein the connecting member ~~comprising~~ comprises:

a circuit wiring attached at ~~the~~ an inner side of the drawer cover, ~~of which wherein~~
one end of the circuit wiring is connected ~~with~~ to the speaker; and

a terminal member ~~for connecting~~ configured to connect the circuit wiring ~~with~~
to the audio amplifier.

8. (Currently Amended) The mobile phone according to claim 7, wherein the terminal ~~comprising~~ member comprises:

a plunger terminal ~~of which one end,~~ wherein a first end of the plunger terminal is
movably adhered to ~~the~~ a surface of the circuit wiring, and ~~the other~~ a second end of the plunger
terminal is connected ~~with~~ to the audio amplifier;

a terminal case ~~mounted so that~~ configured to allow linear movement of the
plunger terminal ~~can be linearly moved~~; and

a compression spring ~~inserted~~ provided in the terminal case, for and configured to
elastically ~~compressing~~ compress the plunger terminal.

9. (Currently Amended) The mobile phone according to claim 1, further
comprising:

an antenna ~~being movably connected with to~~ a tuner terminal ~~which is, the tuner terminal being~~ connected to the main body and interworking with the drawer cover; and
an antenna binding member ~~for binding~~ configured to bind the antenna.

10. (Currently Amended) The mobile phone according to claim 9, wherein the antenna ~~comprising~~ comprises:

a head ~~protruded~~ configured to protrude upwardly from the drawer cover through ~~the an~~ antenna hole formed in the drawer cover;

a whip part formed at ~~the a~~ lower side ~~end~~ of the head; and

a moving terminal formed at ~~the a~~ lower side ~~end~~ of the whip part and ~~being~~ connected ~~with to~~ the tuner terminal of the main body.

11. (Currently Amended) The mobile phone according to claim 9, wherein the antenna binding member ~~comprising~~ comprises:

an outer bushing fixedly mounted at the antenna hole; and

an inner bushing ~~combined~~ provided at the an inner side portion of the outer bushing and ~~binding~~ configured to bind the whip part of the antenna.

12. (Currently Amended) The mobile phone according to claim 11, wherein the inner bushing is ~~threaded~~ configured to be threadably engaged with the outer bushing, and wherein the inner brushing is made of a material having an adequate friction force so that the antenna can be pulled out by ~~an~~ a predetermined external force.

13. (Previously Presented) The mobile phone according to claim 12, wherein the material having an adequate friction force is rubber.

14. (Cancelled)

15. (Currently Amended) The mobile phone according to claim ~~14~~1, wherein the worm gear unit ~~comprising~~ comprises:

a worm wheel fixedly ~~mounted at the~~ installed on a central shaft of the pinion gear; and

a worm gear ~~mounted at the~~ installed on a driving shaft of the drive motor, ~~so as to be in~~ and configured to mesh with the worm wheel.

16. (Cancelled)

17. (Currently Amended) ~~The A drawer type mobile phone according to claim 16, comprising:~~

a main body having a microphone;

a drawer cover configured to be slidably attached to the main body; and

an operating unit configured to move the drawer cover in response to one touch comprising:

an automatic moving member configured to move the drawer cover in a vertical direction relative to the main body, wherein the automatic moving member comprisingcomprises:

a spring-type pinion gear mounted at one provided at an end of the main body; and

a rack gear fixedly and horizontally mounted installed at one side of the drawer cover so as to be engaged with the pinion gear;

a binding member configured to selectively bind an end of the drawer cover when the drawer cover is closed, and to release the binded state of the drawer cover when the drawer cover is opened; and

a motion restraining member configured to restrain the drawer cover from releasing from the main body when the drawer cover is opened.

18. (Currently Amended) The mobile phone according to claim 17, ~~wherein further~~
~~comprising~~ a volute spring ~~of which one, wherein a first end of the volute spring is fixed at the a~~
~~central shaft of the pinion gear and the other a second end of the volute spring is fixed at the an~~
~~outer side of the pinion gear, is mounted at the pinion gear, for holding or releasing and wherein~~
~~the volute spring is configured to hold or to release a repulsive force according to the based on a~~
rotation direction of the pinion gear.

19. (Currently Amended) The A drawer type mobile phone ~~according to claim 16,~~
comprising:

a main body having a microphone;

a drawer cover configured to be slidably attached to the main body; and

an operating unit configured to move the drawer cover in response to one touch,

comprising:

an automatic moving member configured to move the drawer cover in a
vertical direction relative to the main body;

a binding member configured to selectively bind an end of the drawer
cover when the drawer cover is closed, and to release the binded state of the drawer cover when
the drawer cover is opened, wherein the binding member comprising comprises:

a hooking protrusion provided at a predetermined portion of the
position on an inner side face inside surface of the drawer cover;

a press button ~~having comprising~~ a support bar ~~mounted provided~~
at a side surface of the main body, ~~and extending inwardly of into~~ the main body;

a fixing support ~~for supporting the~~ configured to support a front
end of the support bar;

a hooking piece mounted at the support bar ~~for hooking and~~
configured to hook the hooking protrusion in a closed state; and

a twisted spring mounted at the support bar ~~for applying and~~
configured to apply an elastic force to one side of the hooking protrusion; and

a motion restraining member configured to restrain the drawer cover from
releasing the main body when the drawer cover is opened.

20. (Cancelled)

21. (Currently Amended) ~~The A drawer type mobile phone according to claim 16,~~
comprising:

a main body having a microphone;

a drawer cover configured to be slidably attached to the main body; and

an operating unit configured to move the drawer cover in response to one touch,

comprising:

an automatic moving member configured to move the drawer cover in a vertical direction relative to the main body;

a binding member configured to selectively bind an end of the drawer cover when the drawer cover is closed, and to release the binded state of the drawer cover when the drawer cover is opened, wherein the binding member comprising comprises:

a metal piece ~~attached~~ provided at ~~the~~ a lower end of the drawer cover; and

a press button attached to the main body ~~in a manner of being~~ and configured to move vertically ~~moved, having the press button comprising~~ a magnet piece provided a one side thereof and configured to attract the metal piece formed ~~at one side thereof;~~ and

a motion restraining member configured to restrain the drawer cover from releasing from the main body when the drawer cover is opened.

22. (Currently Amended) ~~The~~ A drawer type mobile phone ~~according to claim 16,~~ comprising:

a main body having a microphone;

a drawer cover configured to be slidably attached to the main body; and

an operating unit configured to move the drawer cover in response to one touch.,

comprising:

an automatic moving member configured to move the drawer cover in a vertical direction relative to the main body;

a binding member configured to selectively bind an end of the drawer cover when the drawer cover is closed, and to release the binded state of the drawer cover when the drawer cover is opened, and wherein the binding member ~~comprising~~ comprises:

an upper magnet piece ~~attached~~ provided at the a lower end of the drawer cover; and

a slide button ~~attached~~ provided at the main body so as to be horizontally movable by virtue of the spring, having, comprising a lower magnet piece configured to attract the upper magnet piece, wherein the slide button is configured to move in a horizontal direction relative to the main body through the action of a spring; and

a motion restraining member configured to restrain the drawer cover from releasing from the main body when the drawer cover is opened.

23. (Currently Amended) ~~The A drawer type mobile phone according to claim 16,~~
comprising:

a main body having a microphone;

a drawer cover configured to be slidably attached to the main body; and

an operating unit configured to move the drawer cover in response to one touch,
comprising:

an automatic moving member configured to move the drawer cover in a vertical direction relative to the main body;

a binding member configured to selectively bind an end of the drawer cover when the drawer cover is closed, and to release the binded state of the drawer cover when the drawer cover is opened; and

a motion restraining member configured to restrain the drawer cover from releasing from the main body when the drawer cover is opened, wherein the motion restraining member comprising comprises:

a hooking groove formed at ~~the~~ an inner side of the drawer cover; and

~~an~~ a deformable elastic piece formed at one side of the main body ~~so as~~ and configured to be hooked by the hooking groove when the drawer cover is opened.

24. (Currently Amended) The mobile phone according to claim 23, wherein a first end of the elastic piece is formed in a manner that one end thereof is fixed at the main body, and the other a second end of the elastic piece is gently bent upwardly.

25. (Currently Amended) The mobile phone according to claim 23, wherein ~~the elastic piece is formed in a manner that the~~ a central portion thereof of the elastic piece is gently

bent and ~~protruded~~ protrudes from the main body, with both ends of the central portion being fixed at the main body.

26. (Currently Amended) The mobile phone according to claim 23, wherein the elastic piece is ~~made of a material which suitably deformed~~ configured to deform as being it is pressed by the drawer cover when the drawer cover is closed.

27-29. (Cancelled)

30. (New) The drawer type mobile phone according to claim 1, further comprising a binding member configured to bind an end of the drawer cover when the drawer cover is closed, and to release a binded state of the drawer cover when the drawer cover is opened.

31. (New) The drawer type mobile phone according to claim 30, wherein the binding member comprises:

a metal piece provided at a lower end of the drawer cover;

a solenoid provided at a predetermined portion of the main body corresponding to the metal piece;

a key circuit board configured to supply a voltage to the solenoid; and

a press button configured to turn the key circuit board on and off.

32. (New) The drawer type mobile phone according to claim 30, wherein the binding member comprises:

a metal piece provided at a lower end of the drawer cover; and

a press button attached to the main body and configured to move vertically, the press button comprising a magnet piece provided at one side thereof and configured to attract the metal piece.

33. (New) The drawer type mobile phone according to claim 30, wherein the binding member comprises:

a first magnet piece provided at a lower end of the drawer cover; and

a slide button provided at the main body, comprising a second magnet piece configured to attract the first magnet piece, wherein the slide button is configured to move in a horizontal direction relative to the main body through the action of the spring.

34. (New) The drawer type mobile phone according to claim 1, further comprising a motion restraining member configured to restrain the drawer cover from releasing from the main body when the drawer cover is opened.

35. (New) The drawer type mobile phone according to claim 34, wherein the motion restraining member comprises:

a hooking groove formed in an inner side of the drawer cover; and
a deformable elastic piece formed at one side of the main body and configured to be hooked by the hooking groove when the drawer cover is opened.

36. (New) The drawer type mobile phone according to claim 17, wherein the binding member comprises:

a metal piece provided at a lower end of the drawer cover;
a solenoid provided at a predetermined portion of the main body corresponding to the metal piece;
a key circuit board configured to supply a voltage to the solenoid; and
a press button configured to turn the key circuit board on and off.

37. (New) The drawer type mobile phone according to claim 17, wherein the binding member comprises:

a metal piece provided at a lower end of the drawer cover; and
a press button attached to the main body and configured to move vertically, the press button comprising a magnet piece provided at one side thereof and configured to attract the metal piece.

38. (New) The drawer type mobile phone according to claim 17, wherein the binding member comprises:

a first magnet piece provided at a lower end of the drawer cover; and

a slide button provided at the main body, comprising a second magnet piece configured to attract the first magnet piece, wherein the slide button is configured to move in a horizontal direction relative to the main body through the action of the spring.

39. (New) The drawer type mobile phone according to claim 17, wherein the motion restraining member comprises:

a hooking groove formed on an inner side of the drawer cover; and

a deformable elastic piece formed at one side of the main body and configured to be hooked by the hooking groove when the drawer cover is opened.

40. (New) The drawer type mobile phone according to claim 19, wherein the automatic moving member comprises:

a pinion gear provided on a side of the main body;

a rack gear fixedly installed on a side of the drawer cover and configured to be engaged with the pinion gear;

a driving motor provided in the main body and configured to generate a driving force;

a worm wheel fixedly installed at a central shaft of the pinion gear;

a worm gear installed on a driving shaft of the drive motor and configured to mesh with the worm wheel; and

a control switch configured to turn on and turn off the driving motor.

41. (New) The drawer type mobile phone according to claim 19, wherein the automatic moving member comprises:

a spring-type pinion gear provided at an end of the main body comprising a volute spring with a first end thereof fixed at a central shaft of the pinion gear, and a second end thereof fixed at an outer side of the pinion gear, wherein the volute spring is configured to hold or to release force based on a rotation direction of the pinion gear; and

a rack gear fixedly installed at one side of the drawer cover so as to be engaged with the pinion gear.